

FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICEATTY. DOCKET NO.
UV-73

SERIAL NO.

INFORMATION DISCLOSURE
STATEMENT BY APPLICANTS

APPLICANTS

Michael D. Ellis, William L. Thomas, and
Thomas R. LemmonsFILING DATE
Concurrently Herewith

GROUP

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MWH	Re. 35,954	11/10/98	Levine	380	10	
	4,355,415	10/19/82	George et al.	455	185	
	4,605,964	8/12/86	Chard	358	147	
	4,694,490	9/15/87	Harvey et al.	380	20	
	4,718,107	1/5/88	Hayes	455	4	
	4,857,999	8/15/89	Welsh	358	84	
	4,908,707	3/13/90	Kinghorn	358	147	
	4,930,158	5/29/90	Vogel	380	5	
	4,959,720	9/25/90	Duffield et al.	358	191.1	
	4,977,455	12/11/90	Young	358	142	
	5,109,279	4/28/92	Ando	358	147	
	5,134,719	7/28/92	Mankovitz	455	154.1	
	5,172,413	12/15/92	Bradley et al.	380	020	
	5,200,822	4/6/93	Bronfin et al.	358	142	
	5,253,066	10/12/93	Vogel	358	188	
	5,335,277	8/2/94	Harvey et al.	380	20	
	5,412,720	5/2/95	Hoarty	380	15	
	5,442,389	8/15/95	Blahut et al.	348	7	
	5,485,197	1/16/96	Hoarty	348	7	
	5,517,257	5/14/96	Dunn et al.	348	734	
	5,524,195	6/4/96	Clanton, III et al.	395	155	
	5,539,449	7/23/96	Blahut et al.	348	7	
	5,550,576	8/27/96	Klosterman	348	6	
	5,583,561	12/10/96	Baker et al.	348	7	
	5,583,563	12/10/96	Wanderscheid et al.	348	13	
	5,589,892	12/31/96	Knee et al.	348	731	
✓	5,592,551	1/7/97	Lett et al	380	20	

EXAMINER

Michael R. Hoge

DATE CONSIDERED

9/1/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not conformance and not considered. Include copy of this form with next communication to applicant.

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5,602,582

2/11/97

Wanderscheid et al.

348

12

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MWH	5,630,119	5/13/97	Aristides et al.	395	601	
	5,648,824	7/15/97	Dunn et al.	348	734	
	5,654,748	8/5/97	Matthews, III	348	13	
	5,654,886	8/5/97	Zereski, Jr. et al.	364	420	
	5,657,072	8/12/97	Aristides et al.	348	13	
	5,666,645	9/9/97	Thomas et al.	455	6.1	
	5,684,525	11/4/97	Klosterman	348	12	
	5,694,163	12/2/97	Harrison	348	13	
	5,717,452	2/10/98	Janin et al.	348	7	
	5,745,710	4/28/98	Clanton, III et al.	395	327	
	5,751,282	5/12/98	Girard et al.	345	327	
	5,752,159	5/12/98	Faust et al.	455	5.1	
	5,754,771	5/19/98	Epperson et al.	395	200.33	
	5,760,821	6/2/98	Ellis et al.	348	10	
	5,768,528	6/16/98	Stumm	395	200.61	
	5,778,182	7/7/98	Cathey et al.	395	200.49	
	5,781,226	7/14/98	Sheehan	348	6	
	5,796,952	8/18/98	Davis et al.	395	200.54	
	5,802,284	9/1/98	Karlton et al.	395	200.09	
	5,805,763	9/8/98	Lawler et al.	386	83	
	5,805,804	9/8/98	Laursen et al.	395	200.02	
	5,805,806	9/8/98	McArthur	395	200.8	
	5,808,694	9/15/98	Usui et al.	348	569	
	5,812,123	9/22/98	Rowe et al.	345	327	
	5,818,438	10/6/98	Howe et al.	345	327	
	5,819,019	10/6/98	Nelson	395	182.02	
✓	5,828,945	10/27/98	Klosterman	455	4.2	

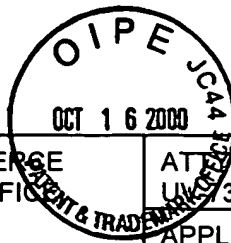
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Michael R. Hoge

DATE CONSIDERED

9/1/04

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FORM PTO-1449

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NO.
UNIVERSITY 73

SERIAL NO. #3
09/356,161

INFORMATION DISCLOSURE
STATEMENT BY APPLICANTS

APPLICANTS
Michael D. Ellis et al.

FILING DATE
July 16, 1999

GROUP ART UNIT
2711

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MWH	5,249,043	9/28/93	Grandmougin	358	86	
↓	5,748,732	5/5/98	Le Berre et al.	380	10	
↓	5,751,282	5/12/98	Girard et al.	345	327	
↓	5,774,859	6/30/98	Houser et al.	704	275	

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
MWH	2 256 115	11/25/92	Great Britain	H04N	7/173		
↓	44 40 174 A1	5/30/96	Germany	H04N	5/44	Abstract	
↓	0 795 994 A2	9/17/97	EPO	H04M	11/00	Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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Substitute for form 1449/PTO		Complete if known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	09/356,161
		Filing Date	July 16, 1999
		First Named Inventor	Michael D. Ellis, et al.
		Art Unit	2711
		Examiner Name	Not Yet Assigned
Sheet 1 of 1	Attorney Docket Number	UV-73	

U.S. PATENT DOCUMENTS						
Examiner initials	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	
		Number - Kind Code ² (if known)				

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FOREIGN PATENT DOCUMENTS						
Examiner initials	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Documents	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Country Code ³ - Number ⁴ - Kind Code ⁵				
MWH		EP 0 843 468 A	May 20, 1998	Sony Corporation Tokyo	Whole document	

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				T ⁶

Examiner Signature	Michael P. Hoge	Date Considered	9/1/04
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² Applicant's unique citation designation number (optional). ³ See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁷ Applicant is to place a check mark here if English language translation is attached.

GROUP ART UNIT
2711



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